

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of:  
Arthur Lin et al.

Serial No.: not yet assigned

Filed: herewith

For: ROUTER WITH CLASS OF  
SERVICE MAPPING

Examiner: not yet assigned

Art Unit: not yet assigned

Cesari and McKenna, LLP  
30 Rowes Wharf  
Boston, MA 02110  
July 14, 2000

Honorable Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

PRELIMINARY AMENDMENT

Please cancel claims 1-29 and insert the following new claims 30-44 as set forth

below:

30. A router for use in routing packets over a network, the router supporting a plurality, X, of classes of service and including:

A. a plurality of input ports for receiving packets over the network;

B. a plurality of output ports for transferring packets over the network;

C. a classifier for assigning packets received by the input ports to X \* Y classes of service, where \* represents multiplication, and mapping the XY classes of service to the X classes of service that are supported by the router, the classifier assigning to the